



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/782,224	02/19/2004	Colin Myles	57.0546 US NP	5289
37003	7590	12/14/2005	EXAMINER	
SCHLUMBERGER-DOLL RESEARCH 36 OLD QUARRY ROAD RIDGEFIELD, CT 06877-4108			PHUONG, DAI	
			ART UNIT	PAPER NUMBER
			2688	

DATE MAILED: 12/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/782,224	MYLES ET AL.	
	Examiner	Art Unit	
	Dai A. Phuong	2688	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>05/21/2004</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-3 and 9-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Saunders et al. (Pub. No: 20040152446).

Regarding claim 1, Saunders et al. disclose method for accessing private data or services from a mobile station over a public network including the step of authenticating a user of the mobile station for accessing to private data/services ([0003]), comprising the steps of: composing a text-based request message on the mobile station using a standard public text messaging protocol, said message including a request for private data, and sending said request message to a private server (MG, PS) offering the access to said private data/services, via the telephone network ([0046] to [0048], , checking the authenticity of the user based on the request message received by the server ([0049] to [0052]), if the user authenticity is confirmed, composing a text-based response message using a standard public text messaging protocol, the response message including the requested private data/services of the private server, and sending back to the mobile station said text-based response message, via the telephone network ([0051] to [0052]), wherein the request message additionally includes a user unique identifier, and is received by the private server with an appended user mobile station number ([0007], and [0048] to [0052]), wherein the authenticity checking performed by the private server comprises the steps of: checking whether the user unique identifier is stored in a private directory database ([0007], and

[0048] to [0052]), and checking whether the appended user mobile station number matches with the user mobile station number allocated to the user unique identifier stored in the private directory database ([0007], and [0048] to [0052]); and wherein, if the user authenticity is confirmed, an interaction between the private server and the mobile station is limited to the exchange of the text-based request message and the text-based response; and repeating the recited steps for any further interaction between the private server and the mobile station ([0050] to [0054]).

Regarding claim 2, Saunders et al. disclose all the limitations in claim 1. Further, Saunders et al. disclose the method wherein the user unique identifier is a data related to the user of the mobile station, said data being stored in the private directory database ([0007] and [0048] to [0052]).

Regarding claim 3, Saunders et al. disclose all the limitations in claim 2. Further, Saunders et al. disclose the method wherein said data related to the user of the mobile station is the lightweight directory access protocol alias of the user ([0053] to [0056]).

Regarding claim 9, Saunders et al. disclose all the limitations in claim 1. Further, Saunders et al. disclose the method wherein the requested data are stored in private directory database ([0052] and [0054] to [0056]).

Regarding claim 10, Saunders et al. disclose all the limitations in claim 1. Further, Saunders et al. disclose the method wherein between public network and private network a gateway is installed, adapted to send and receive text-based messages and identifying the user mobile station number ([0046] to [0053]).

Regarding claim 11, Saunders et al. disclose all the limitations in claim 1. Further, Saunders et al. disclose the method wherein the request message includes a remote control command for equipment connected to the private network ([0046] to [0053]).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 4, 6 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Saunders et al. (Pub. No: 20040152446) in view of Carpenter (Pub. No: 20050176409).

Regarding claim 4, Saunders et al. disclose all the limitations in claim 1. However, Saunders et al. do not disclose the method wherein the request message is a text message of the SMS type.

In the same field of endeavor, Carpenter discloses the method wherein the request message is a text message of the SMS type ([0018]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the mobile terminal of Saunders et al. by specifically including the request message is a text message of the SMS type, as taught by Carpenter, the motivation being in order to delivery a message simultaneously to two or more wireless communication devices.

Regarding claim 6, Saunders et al. disclose all the limitations in claim 1. However, Saunders et al. do not disclose the method wherein the response message is a text message of the SMS type.

In the same field of endeavor, Carpenter discloses the method wherein the response message is a text message of the SMS type ([0018]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the mobile terminal of Saunders et al. by specifically including response message is a text message of the SMS type, as taught by Carpenter, the motivation being in order to delivery a message simultaneously to two or more wireless communication devices.

Regarding claim 8, Saunders et al. disclose all the limitations in claim 1. However, Saunders et al. do not disclose the method wherein the request message and the response message are ciphered.

In the same field of endeavor, Carpenter discloses the method wherein the request message and the response message are ciphered ([0018]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the mobile terminal of Saunders et al. by specifically including the request message and the response message are ciphered, as taught by Carpenter, the motivation being in order to delivery a message simultaneously to two or more wireless communication devices.

5. Claims 5 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Saunders et al. (Pub. No: 20040152446) in view of Mostafa (Pub. No: 20040148400).

Regarding claim 5, Saunders et al. disclose all the limitations in claim 1. However, Saunders et al. do not disclose the method wherein the request message is a MMS type message.

In the same field of endeavor, Mostafa discloses the method wherein the request message is a MMS type message ([0072]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the mobile terminal of Saunders et al. by specifically including request message is a MMS type message, as taught by Mostafa, the motivation being in order to include addressing information, identifying the intended receiver of message and information that encapsulates together.

Regarding claim 7, Saunders et al. disclose all the limitations in claim 1. However, Saunders et al. do not disclose the method wherein the response message is a MMS type message.

In the same field of endeavor, Mostafa discloses the method wherein the response message is a MMS type message ([0072]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the mobile terminal of Saunders et al. by specifically including response message is a MMS type message., as taught by Mostafa, the motivation being in order to include

addressing information, identifying the intended receiver of message and information that encapsulates together.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Imazu (Pub. No: 20020087892) authentication method and device

Kissner et al. (Pub. No: 20030017822) accessing protected resources

Rao et al. (Pub. No: 20040076128) authentication, authorization and accounting system


Kwon et al. (Pub. No: 20050120209) authenticating software

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dai A Phuong whose telephone number is 571-272-7896. The examiner can normally be reached on Monday to Friday, 9:00 A.M. to 5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eng George can be reached on 571-272-7495. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dai Phuong
AU: 2688
Date: 12-10-2005


GEORGE ENG
PRIMARY EXAMINER